

```
/note="Organ: breast: Ver
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AACTGCATTGGGCAGCATTTTGCCATAA

Robert Strausberg, Ph.D.
r@ma11.nth.gov

cgapbs-r@mail.nih.gov

RESULT 14	
BI147726	
LOCUS	
DEFINITION	
ACCESSION	
VERSION	
KEYWORDS	
SOURCE	
ORGANISM	
REFERENCE	
AUTHORS	
TITLE	
JOURNAL	
COMMENT	

FEATURES SOURCE

[illegible][illegible]

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657 CAACATGCTCCCTGATGACCTGGACAGCATCATGAAGTGTGCCTTCAGCCACGAGGC 716
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601 AGCATCCAGTGTGACAGTACCTGGACTCATACCTGAAAGCAGTGTCAACCTTAGCAA 660
Db
717 AGCATCCAGTGTGACAGTACCTGGACTCATACCTGAAAGCAGTGTCAACCTTAGCAA 776
QY
661 ATCTCCAAACGAGCGATGAACAATTTCTACATCAACAGCAGCTGGTTTCAAAATTCAG 720
Db
777 ATCTCCAAACGAGCGATGAACAATTTCTACATCAACAGCAGCTGGTTTCAAAATTCAG 836
QY
721 TCTCAAGGCGAATCTTTCTAAATTTAACTAACAAGAACTTCATCAGTTCACAGAAAGTA 780
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837 TCTCAAGGCGAATCTTTCTAAATTTAACTAACAAGAACTTCATCAGTTCACAGAAAGTA 896
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781 ATCTCCAAACGAGCGATGAACAATTTCTAAGGATAGCTAACAAGAACTTCATCAGTTCACAGAAAG 840
Db
897 ATCTCCAAACGAGCGATGAACAATTTCTAAGGATAGCTAACAAGAACTTCATCAGTTCACAGAAAG 956
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841 CGCTGGGATTTCTGGACATATCTTTGAGTGCACAAAGCGAAACACCAAGATTTCTCT 900
Db
957 CGCTGGGATTTCTGGACATATCTTTGAGTGCACAAAGCGAAACACCAAGATTTCTCT 1016
QY
901 GAAGCAGATCTCCAGGCTGAAGTGAAGAAAGCTTCATCTTTGAGGATGACACCATCC 960
Db
1017 GAAGCAGATCTCCAGGCTGAAGTGAAGAAAGCTTCATCTTTGAGGATGACACCATCC 1076
QY
961 AGTGTCTATCTCTGGATCTTTACTGCTTGGCAAGTACCTTGGAGCATCAGCAGATGC 1020
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1077 AGTGTCTATCTCTGGATCTTTACTGCTTGGCAAGTACCTTGGAGCATCAGCAGATGC 1136
QY
1021 CGAGATGAATCAGGAATCTCTAGGGATGGGTCTTCTATTACCTGGGAACACCTGAGC 1080
Db
1137 CGAGATGAATCAGGAATCTCTAGGGATGGGTCTTCTATTACCTGGGAACACCTGAGC 1196
QY
1081 CAGATGCTTACACAGGATGTCATCAGGATGCTCGGCTTCACGACCGGTAGTA 1140
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1197 CAGATGCTTACACAGGATGTCATCAGGATGCTCGGCTTCACGACCGGTAGTA 1256
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Db
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1381 GAGTGTAAAGTGGCAGTGGCAATTAATCTGCTCCGCTTCAGCTGCTCCAGCACTCA 1440
Db
1497 GAGTGTAAAGTGGCAGTGGCAATTAATCTGCTCCGCTTCAGCTGCTCCAGCACTCA 1556
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1557 AGGCTTCCCGCAGCTGTGCTCAAGTTGCTCCTCAAGTCCCAAGAAATGCAATCCATGTGTT 1616
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1501 GCAAAAAAGTTTGTCTAA 1518
Db
1617 GCAAAAAAGTTTGTCTAA 1634

RESULT 5

US-10-067-668-3

; Sequence 3, Application US/10067668

; Application No. US2003002234A1

; GENERAL INFORMATION:

; APPLICANT: Glucksmann, Maria Alexandra
; TITLE OF INVENTION: 33312, 33303, 32579, NOVEL HUMAN
; FILE OF INVENTION: CYTOCHROME P450 FAMILY MEMBERS AND USES THEREOF
; FILE REFERENCE: 10448-136001
; CURRENT APPLICATION NUMBER: US/10/067,668
; CURRENT FILING DATE: 2002-02-04
; PRIOR APPLICATION NUMBER: 60/266,140
; PRIOR FILING DATE: 2001-02-02
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 1518
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-067-668-3

Query Match 99.9%; Score 1516.4; DB 9; Length 1518;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 1517; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1 ATGGAGCCCTCTGCTTCAGGAACCTCATGGCTCACCCCTTCTTGTGCTGATCCTCTC 60
Db 1 ATGGAGCCCTCTGCTTCAGGAACCTCATGGCTCACCCCTTCTTGTGCTGATCCTCTC 60
QY 61 TGCATGCTCTGCTGCTTTCAGGTAATCAGGTTGTACCAAGAGGAGATGGATGATC 120
Db 61 TGCATGCTCTGCTGCTTTCAGGTAATCAGGTTGTACCAAGAGGAGATGGATGATC 120
QY 121 AGAGCCCTGCACCTGTTCTCCTGACCCCTGCCACTGGTCTATGGCCACAAAGAGTTT 180
Db 121 AGAGCCCTGCACCTGTTCTCCTGACCCCTGCCACTGGTCTATGGCCACAAAGAGTTT 180
QY 181 TACCAGTAAGAGAGTTTGGAGTGTATCAATAGCTGATGAGAAATAATACCATGTGCT 240
Db 181 TACCAGTAAGAGAGTTTGGAGTGTATCAATAGCTGATGAGAAATAATACCATGTGCT 240
QY 241 CCTTGTGGGTTGGACCCCTTTACGATGTTCTTCAAGTGTCCATGACCCACATATGCCA 300
Db 241 CCTTGTGGGTTGGACCCCTTTACGATGTTCTTCAAGTGTCCATGACCCACATATGCCA 300
QY 301 ATTCTCCTGAAAGACAAAGATCCCAAGTGTCTTGTAGCCACAAATCTTGAATCCTGG 360
Db 301 ATTCTCCTGAAAGACAAAGATCCCAAGTGTCTTGTAGCCACAAATCTTGAATCCTGG 360
QY 361 GTTGTGCGAGGACTTGTGACCTGGATGTTCTTAATGAGAAAGACCCGACAGATGTG 420
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QY 421 AAACCTGGCTTCAACATCAGCATTTCTGAAATATTCATCACCATGATGCTCAGAGTGT 480
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QY 541 CAACATGCTCCTGATGACCTTGGACAGCATCATGAGTGTGCTTACGCCACACAGGC 600
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Db 601 AGCATCCTTGGACAGTACCTGGACTCATACCTGAAAGCAGTGTTCACCTTAGCAAA 660
QY 661 ATCTCCAAACGAGCGATGAACAATTTCTACATCAACAGCAGCTGGTTTCAAAATTCAG 720
Db 661 ATCTCCAAACGAGCGATGAACAATTTCTACATCAACAGCAGCTGGTTTCAAAATTCAG 720
QY 721 TCTCAAGGCGAATCTTTCTAAATTTAACTAACAAGAACTTCATCAGTTCACAGAAAGTA 780
Db 721 TCTCAAGGCGAATCTTTCTAAATTTAACTAACAAGAACTTCATCAGTTCACAGAAAGTA 780
QY 781 ATCCAGGACCGGAGGAGTCTCTTAAGGATAAGCTTAACCAAGATACTACTCAGAAAGG 840

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841 ATCCAGGACCGGAGGAGTCTTTAAGGATAAGCTAAACAGATATCTACTCAGAAAAGG 840
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841 CGCTGGGATTTCTGGACATACACTTTTGGTGGCCAAAAGCGAAACACCAAGATTTCTCT 900
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901 GAACGAGATCTCCAGGCTGAAGTGAAACGTTTCAATGTTTGCAGGACATGACACCATCC 960
961 AGTCTATCTCTGGATCCCTTACTGCTTGGCAAGTACCTGAGCATGACGAGATGC 1020
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1021 CGAGATGAATACAGGAACTCCTAGGGATGGGTCTTCTATTAACCTGGGAACCTGAGC 1080
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1141 AACATATCCCGTTACTCGCAAAACCCATCACCTTCCAGATGGACGCTCCTTACCTGCA 1200
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US-10-175-696-3
; Sequence 3, Application US/10175696
; Publication No. US20030092658A1
; GENERAL INFORMATION:
; APPLICANT: Glucksmann, Maria Alexandra
; APPLICANT: Meyers, Rachel
; APPLICANT: Rudolph-Owen, Laura A.
; TITLE OF INVENTION: NOVEL HUMAN ENZYME FAMILY MEMBERS AND USES THEREOF
; FILE REFERENCE: 10448-193001
; CURRENT APPLICATION NUMBER: US/10/175,696
; CURRENT FILING DATE: 2002-06-20
; PRIOR APPLICATION NUMBER: 10/067,668
; PRIOR FILING DATE: 2002-02-04
; PRIOR APPLICATION NUMBER: 60/266,140
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 09/823,901
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: PCT/US01/10720
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: 60/193,920
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; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: 09/862,658
; PRIOR FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: PCT/US01/16380
; PRIOR FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 60/205,675
; PRIOR FILING DATE: 2000-05-19
; PRIOR APPLICATION NUMBER: 09/882,837
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: PCT/US01/19319
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/211,727
; PRIOR FILING DATE: 2000-06-15
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 1518
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-175-696-3
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Query Match      99.98; Score 1516.4; DB 9; Length 1518;
Best Local Similarity 99.98; Pred. No. 0;
Matches 1517; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 1 ATGAGAGCCCTCCCTGGCTTTCAGGAACTCATGGCTCACCCCTTCTTGCTGCTGATCCTCCTC 60
DB 1 ATGAGAGCCCTCCCTGGCTTTCAGGAACTCATGGCTCACCCCTTCTTGCTGCTGATCCTCCTC 60
QY 61 TGCATGCTCTGCTGCTGTTTTCAGGTAATCAGGTTGTACAGAGGAGGAGATGATGATC 120
DB 61 TGCATGCTCTGCTGCTGTTTTCAGGTAATCAGGTTGTACAGAGGAGGAGATGATGATC 120
QY 121 AGAGCCCTGCACCTGTTTCTGACCCCTGCCCCCTGCTGCTGCTGCTGCTGCTGCTGCTG 180
DB 121 AGAGCCCTGCACCTGTTTCTGACCCCTGCCCCCTGCTGCTGCTGCTGCTGCTGCTGCTG 180
QY 181 TACCCAGTAAAGGAGTTTGGAGTGTATCATAGCTGATGGAATAATACCCATGTGCTGTT 240
DB 181 TACCCAGTAAAGGAGTTTGGAGTGTATCATAGCTGATGGAATAATACCCATGTGCTGTT 240
QY 241 CCCTTGTGGGTGGACCCCTTTACGATGTTTTCAGTGTTCATGATGATGATGATGATGATG 300
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;; PRIOR FILING DATE: 1999-12-07
;; PRIOR APPLICATION NUMBER: 60/169835

Query Match

Best Local Similarity 99.9%; Score 1516.4; DB 9; Length 2020;

Matches 1517; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY	1	ATGGAGCCCTCCTGGCTTCAGGAACATCATGGCTCACCCTCTTCTGCTGTGATCCCTTC	60
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QY	61	TGATGTCCTCTGCTGCTGCTTTCAGGTAATCAGGTTGTACAGAGGAGGATGGATGTC	120
DB	177	TGATGTCCTCTGCTGCTGCTTTCAGGTAATCAGGTTGTACAGAGGAGGATGGATGTC	236
QY	121	AGAGCCCTGCACCTGTTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG	180
DB	237	AGAGCCCTGCACCTGTTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG	296
QY	181	TACCCAGTAAAGGAGTTTGAGGTGATCATAGCTGATGGAATAATACCATGCTGCTGT	240
DB	297	TACCCAGTAAAGGAGTTTGAGGTGATCATAGCTGATGGAATAATACCATGCTGCTGT	356
QY	241	CCCTTGTGGTGGACCTTTACGATGTTCTCAGTGTCCATGACCCAGACTATGCCAAG	300
DB	357	CCCTTGTGGTGGACCTTTACGATGTTCTCAGTGTCCATGACCCAGACTATGCCAAG	416
QY	301	ATTCCTCTGAAAAGACAAAGATCCCAAAAGTCTGTAGCCCAAAATCCTTGAATCCCG	360
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QY	361	GTTGTCGAGCATTGTGACCCCTGGATGTTCTAAATGAAAAAGACCCGACAGATTGTG	420
DB	477	GTTGTCGAGCATTGTGACCCCTGGATGTTCTAAATGAAAAAGACCCGACAGATTGTG	536
QY	421	AAACCTGGCTTCAACATCAGCATTCTGAAATATTCATCACCATTGATGTCTGAGAGT	480
DB	537	AAACCTGGCTTCAACATCAGCATTCTGAAATATTCATCACCATTGATGTCTGAGAGT	596
QY	481	CGGATGATGCTGAACAAATGGGAGGACGCTATGCCAAAACTCACGCTCTGACTCTTT	540

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717 AGCATCAGTTGGACAGTACCTGGACTCATACCTGAAGCAGTGTTCACACCTTAGCAAA 776
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1617 GCAAAAAAGTTGCTAA 1634

RESULT 10

US-10-230-163-29
; Sequence 29, Application US/10230163
; Publication No. US20030036635A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Guney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C96
; CURRENT FILING DATE: 2002-08-28
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
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; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
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; PRIOR APPLICATION NUMBER: 60/079656
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; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081955
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; PRIOR FILING DATE: 1998-04-22
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; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
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; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090695
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; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/095302
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/095318